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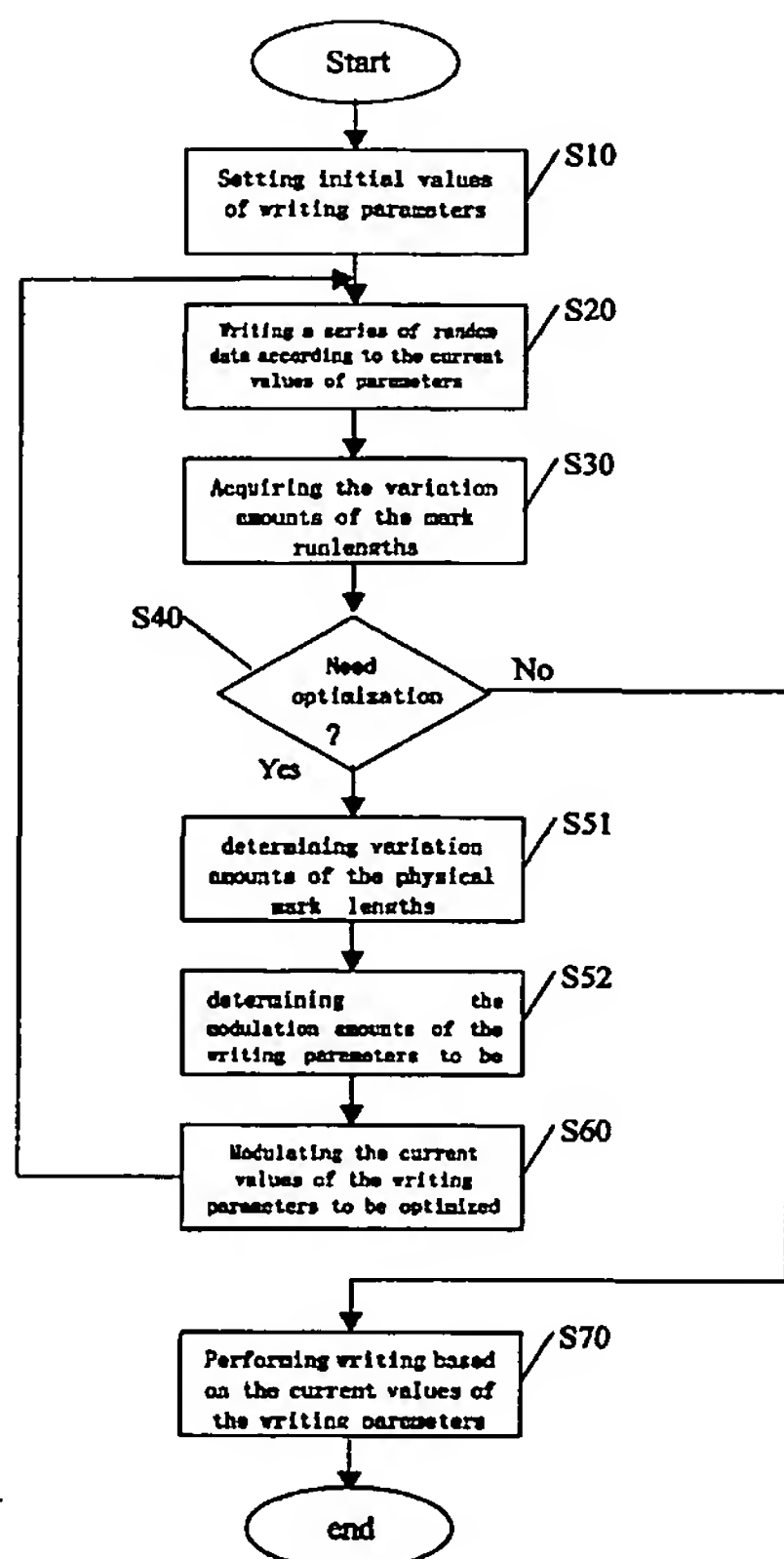
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(54) Title: **METHOD AND APPARATUS OF PARAMETERS OPTIMIZATION IN OPTICAL DISC WRITING**



(57) Abstract: A method for optimizing the optical disc writing parameters, comprising the steps: acquiring the variable of a mark runlength; determining a modulation amount of the writing parameters based on a relationship between the variable of the mark runlength and the modulation amount of the writing parameters; and modulating the writing parameters. The method is applicable to multifarious optical disc systems, it can adopt multifarious strategies for the writing process, it can optimize the power or the starting time and the stopping time of a plurality of laser pulses, thereby it can get the aim of optimizing the mark runlength.



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